

**APPRENTICE RECORD
HEP OPERATOR
RELATED TRAINING**

BEGINNING W/GROUP #XXXIV

SUBJECT	TEXT	ASSIGNMENTS	EXAMS	DATE	SCORE
1. Orientation and OP-2	DWR Course, OP-2	Classroom attendance @ SJFD O&M - Training Center	Instructor Test		
2. Using Math in the Plant	TPC Training Systems #103 Maintenance Fundamentals	Unit 103: 20 Study Hours Request and complete Handout Exam.	Unit 103		
3. Understanding Basic Electricity and Electronics	TPC Training Systems #201 Electrical Systems	Unit 201: 20 Study Hours Request and complete Handout Exam.	Unit 201		
4. Mathematics Review	Instructor's Materials	Classroom attendance @ SJFD O&M - Training Center Class #1 - 40 Hours	Instructor Test		
5. Basic Electricity	Electricity One - Seven by: Harry Mileaf	Chapter 1: 2 Study Hours Request and complete Handout Exam.	Cha. 1		
		Chapter 2: 2 Study Hours Request and complete Handout Exam.	Cha. 2		
		Chapter 3: 2 Study Hours Request and complete Handout Exam.	Cha. 3		
		Chapter 4: 2 Study Hours Request and complete Handout Exam.	Cha. 4		
		Chapter 5: 2 Study Hours Request and complete Handout Exam.	Cha. 5		
		Chapter 6: 2 Study Hours Request and complete Handout Exam.	Cha. 6		
		Chapter 7: 2 Study Hours Request and complete Handout Exam.	Cha. 7		
6. Basic Electricity	Instructor's Materials	Classroom attendance at SJFD O&M - Training Center Class #2 - 40 Hours	Instructor Test		
7. AC & DC Circuits	Principles of Hydro-Electric Power, Volume I (HSC)	Chapter 13: 2 Study Hours Request and complete Handout Exam.	Cha. 13		
		Chapter 14: 2 Study Hours Request and complete Handout Exam.	Cha. 14		
		Chapter 15: 2 Study Hours Request and complete Handout Exam.	Cha. 15		
		Chapter 16: 2 Study Hours Request and complete Handout Exam.	Cha. 16		
(continued)					

**APPRENTICE RECORD
HEP OPERATOR
RELATED TRAINING**

BEGINNING W/GROUP #XXXIV

SUBJECT	TEXT	ASSIGNMENTS	EXAMS	DATE	SCORE
7. (continued)		Chapter 17: 2 Study Hours Request and complete Handout Exam.	Cha. 17		
	Principles of Hydro-Electric Power, Volume II (HSC)	Chapter 18: 2 Study Hours Request and complete Handout Exam.	Cha. 18		
		Chapter 24: 2 Study Hours Request and complete Handout Exam.	Cha. 24		
8. Three-phase AC and Advanced Electricity	Instructor's Materials	Classroom attendance at SJFD O&M - Training Center Class #3 - 40 Hours	Instructor Test		
9. Behavior of Matter	Principles of Hydro-Electric Power, Volume I (HSC)	Chapter 1: 5 Study Hours Request and complete Handout Exam.	Cha. 1		
		Chapter 2: 5 Study Hours Request and complete Handout Exam.	Cha. 2		
10. Mechanical Fundamentals	Instructor's Materials	Classroom attendance at SJFD O&M - Training Center Class #4 - 40 Hours	Instructor Test		
11. Using Hand Tools	TPC Training System #107 Maintenance Fundamentals	Unit 107: 20 Study Hours Request and complete Handout Exam.	Unit 107		
12. Clearance and Safety	Current OP-2 & Safety Rules Workbook	Classroom attendance. Instructor to certify, 8 Hours	Instructor Exam		
13. OP-2	Instructor's Materials	Classroom attendance at SJFD O&M - Training Center Class #5 - 16 Hours	Instructor Test		
14. 1st Six Month Final Exam	Review all text study material	Field Division Proctor to administer. Closed-book 1st-Six Month Final Exam	1st Six Month Final Exam		
15. 1st Six Month Achievement Test	Hands-on demonstration of proficiency	During working hours, task to be selected and graded by Supervisor.	Supervisor Test		